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XIV. *On certain Properties of square numbers and other quadratic forms, with a Table of odd numbers from* 1 *to* 191, *divided into* 4, 3 *or* 2 *square numbers, the algebraic sum of whose roots* (*positive or negative*) *may equal* 1, *by means of which Table all the odd numbers up to* 9503 *may be resolved into not exceeding* 4 *square numbers. By Sir* FREDERICK POLLOCK, *F.R.S., Lord Chief Baron* 311

XV. *On the Thermal Effects of Fluids in Motion.*—Part II. *By* J. P. JOULE, *F.R.S., and Professor* W. THOMSON, *M.A., F.R.S.* 321

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Presents . . . . . [1]

ERRATUM.—PART I. 1854.

Page 14, line 20, *for* NAUMANN *read* NEUMANN.